## **Author Index for Volumes 197, 198**

- ALPAY, DANIEL, BALL, JOSEPH A., GOHBERG, ISRAEL, AND RODMAN, LEIBA: J-Unitary Preserving Automorphisms of Rational Matrix Functions: State Space Theory, Interpolation, and Factorization, 531
- ANDO, TSUYOSHI AND HIAI, FUMIO: Log Majorization and Complementary Golden-Thompson Type Inequalities, 113
- BALL, JOSEPH A.: See Alpay, Daniel
- BAPAT, R. B. AND LAL, A. K.: Inequalities for the q-Permanent, 397
- BART, H. AND TSEKANOVSKII, V. E.: Complementary Schur Complements, 651
- BEBIANO, NATÁLIA, KOVAČEC, ALEXANDER, AND DA PROVIDÊNCIA, JOÃO: The Validity of the Marcus-de Oliveira Conjecture for the Essentially Hermitian Matrices, 411
- BECKERMANN, B. AND MÜHLBACH, G.: A General Determinantal Identity of Sylvester Type and Some Applications, 93
- BEITIA, Mª ASUNCIÓN AND ZABALLA, ION: Invariants of the Block Tensor Product, 589
- BHATIA, RAJENDRA: Matrix Factorizations and Their Perturbations, 245
- BJÖRCK, Å.: Numerics of Gram-Schmidt Orthogonalization, 297
- DA PROVIDÊNCIA, JOÃO: See Bebiano, Natália
- DA SILVA, J. A. DIAS: REPORT: Second Conference of the International Linear Algebra Society (Libson, 1992), 793
- DATTA, BISWA NATH: Linear and Numerical Linear Algebra in Control Theory: Some Research Problems, 755
- DE OLIVEIRA, G. N.: See Duffner, Maria
- DE SÁ, EDUARDO MARQUES: Faces and Traces of the Unit Ball of a Symmetric Gauge Function, 349
- DE SÁ, EDUARDO MARQUES: Exposed Faces and Duality for Symmetric and Unitarily Invariant Norms, 429
- DE SÁ, EDUARDO MARQUES: Faces of the Unit Ball of a Unitarily Invariant Norm, 451
- DOKOVIĆ, DRAGOMIR Ž. AND LI, CHI-KWONG: Overgroups of Some Classical Linear Groups With Applications to Linear Preserver Problems, 31

- DUFFNER, MARIA ANTÓNIA AND DE OLIVEIRA, G. N.: Pairs of Matrices Satisfying Certain Polynomial Identities, 177
- DUFFNER, M. ANTÓNIA: Linear Transformations That Preserve Immanants, 567
- ERXIONG, JIANG: Bounds for the Smallest Singular Value of a Jordan Block With an Application to Eigenvalue Perturbation, 691
- FIEDLER, MIROSLAV: Elliptic Matrices With Zero Diagonal, 337
- GASCA, M. AND PEÑA, J. M.: A Test for Strict Sign-Regularity, 133
- GOHBERG, ISRAEL: See Alpay, Daniel
- GOUVEIA, M. C.: Group and Moore-Penrose Invertibility of Bezoutians, 495
- GOVER, M. J. C.: The Eigenproblem of a Tridiagonal 2-Toeplitz Matrix, 63
- HEINIG, GEORG AND HELLINGER, FRANK: Displacement Structure of Pseudoinverses, 623
- HELLINGER, FRANK: See Heinig, Georg HIAI, FUMIO: See Ando, Tsuyoshi
- JAMES, GORDON: Hecke Algebras and Immanants, 659
- KOVAČEC, ALEXANDER: See Bebiano, Natália KOVAČEC, ALEXANDER AND SANTANA, ANA PAULA: A Combinatorial Theorem on the Cartan Invariants of the Schur Algebra S(B<sup>+</sup>), 79
- LAFFEY, THOMAS J. AND REAMS, ROBERT: Integral Similarity and Commutators of Integral Matrices, 671
- LAL, A. K.: See Bapat, R. B.
- LANCASTER, PETER, MARKUS, ALEXANDER S., AND YE, QIANG: Low Rank Perturbations of Strongly Definitizable Transformations and Matrix Polynomials, 3
- LI, CHI-KWONG: See Doković, Dragomir Ž.
- LI, CHI-KWONG AND MIRANDA, MARIA EMÍLIA: Antidiagonals of Matrices in a Unitary Similarity Orbit, 317

LOEWY, RAPHAEL AND RADWAN, NIZAR: Spaces of Symmetric Matrices of Bounded Rank, 189

MARKUS, ALEXANDER S.: See Lancaster, Peter McDonald, J. J.: A Product Index Theorem With Applications to Splittings of Mmatrices, 511

MERRIS, RUSSELL: Laplacian Matrices of Graphs: A Survey, 143

MIRANDA, MARIA EMÍLIA: See Li, Chi-Kwong MÜHLBACH, G.: See Beckermann, B.

PEÑA, J. M.: See Gasca, M.

QUEIRÓ, JOÃO FILIPE: An Inverse Problem for Singular Values and the Jacobian of the Elementary Symmetric Functions, 277

RADWAN, NIZAR: See Loewy, Raphael

REAMS, ROBERT: See Laffey, Thomas J.

REINSCHKE, KURT J.: Graph-Theoretic Approach to Symbolic Analysis of Linear Descriptor Systems, 217

RODMAN, LEIBA: See Alpay, Daniel

RUHE, AXEL: Rational Krylov Algorithms for Nonsymmetric Eigenvalue Problems. II. Matrix Pairs, 283

SANTANA, ANA PAULA: See Kovačec, Alexander SILVA, FERNANDO C.: On the Number of Invariant Polynomials of Partially Prescribed Matrices, 709

TSEKANOVSKII, V. E.: See Bart, H.

YE, QIANG: See Lancaster, Peter

ZABALLA, ION: See Beitia, MaAsunción

